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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/531,055	04/12/2005	Norman Howard Cohen	DE920020021US1	4554

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EXAMINER	
PARK, JEONG S	

ART UNIT	PAPER NUMBER
2454	

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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No.	Applicant(s)	
	10/531,055	COHEN ET AL.	
	Examiner	Art Unit	
	JEONG S. PARK	2454	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE *3* MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *8/5/2008*.

2a)☒ This action is **FINAL**. 2b)☐ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *18-22, 24 and 26-28* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *18-22, 24 and 26-28* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on *12 April 2005* is/are: a)☒ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☒ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☒ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____.

DETAILED ACTION

1. This communication is in response to Application No. 10/531,055 filed on 12 April 2005. The amendment presented on 5 August 2008, which cancels claims 1-17, 23 and 25, amends claims 18-22 and 24, and adds new claims 26-28, is hereby acknowledged. Claims 18-22, 24 and 26-28 have been examined.

Claim Objections

2. The amendment presented on 5 August 2008 providing change to the claims is noted. All prior objections to the claims are hereby withdrawn.

Response to Arguments

3. Applicant's arguments with respect to claims 18-22, 24 and 26-28 have been considered but are moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

5. Claims 18-22, 24 and 26-28 are rejected under 35 U.S.C. 103(a) as being unpatentable over McLain (U.S. Patent No. 6,493,758 B1) in view of Jolley et al. (hereinafter Jolley)(U.S. Patent No. 7,240,280 B2).

Regarding claim 18, McLain teaches as follows:

a method for creating a Mobile Device specific content topology at a Portal Server (a method and a system for transferring offline browsing content information

from a host computer to a mobile device, see, e.g., abstract) comprising:

initiating a switch at the server side from a connected to a disconnected mode between said Portal Server and said Mobile Device (McLain teaches offline browsing. Therefore, the McLain's system inherently includes a capability of providing online browsing. McLain teaches a host computer (16 in figure 1) working as an intermediate server between the content provider and the mobile device, see, e.g., col. 3, lines 39-49. The host computer has a capability to sense the connection between the content provider and the mobile device. Therefore the host computer can provide the offline and online browsing for the mobile device);

selecting available disconnected Portlet applications to be replicated to said Mobile Device (user selecting desired content from content provider for offline browsing, see, e.g., col. 7, lines 32-44 and step 102 in figure 6);

creating a Mobile Device specific content topology based on an existing user-defined connected content topology including said selected disconnected Portlet applications and dynamic information (downloading module accesses content provider and downloads content therefrom in accordance with the user preference as well as creates a CDF file, see, e.g., col. 8, lines 17-36), wherein the dynamic information indicates at least one of about channel capabilities, capabilities of said Mobile Device, and location information of said Mobile Device (characteristic information about mobile device, see, e.g., col. 10, line 61 to col. 11, line 9), wherein the existing user-defined connected content topology (user preference and CDF) indicates server-side portal pare layout of content provided by the Portal Server (content definition format (hereinafter

CDF) file provides a local index or hierarchical structure of the content available from content provider, see, e.g., col. 3, lines 21-39)(see, e.g., step 102, 104, 162 and 164 in figure 6);

packaging said Mobile Device specific content topology including said selected disconnected Portlet applications assigned to it and said data to be rendered by selected Portlet application, wherein the Mobile Device specific content topology indicates layout of the selected disconnected Portlet applications when aggregated by the Mobile Device (downloading of content and the CDF file stored in cache 22 of desktop computer to cache of mobile device, see, e.g., col. 10, lines 61-63 and step 160 in figure 6); and

transferring said Mobile Device specific content topology including said selected disconnected Portlet applications assigned to it, and said data to be rendered by said selected Portlet application to said Mobile Device (transferring filtered content to mobile device, see, e.g., col. 11, lines 9-32 and step 166 in figure 6).

McLain does not teach the portal server initiating a switch from a connected to a disconnected mode but teach a host server providing all other limitations of the portal server as presented above.

It would have been obvious for one of ordinary skill in the art at the time of the invention to modify McLain to include a switching function to automatically switch between online and offline browsing modes based on a connection between a content provider and a host server providing contents to a mobile device.

McLain does not teach a portlet application used in a portal server.

Jolley teaches as follows:

a system and a method for providing application flow integration in a portal framework. Each of a plurality of portlets may have an individual webflow associated within it (see, e.g., abstract), wherein the portlets are pluggable user interface software components that are managed and displayed in a web portal. Portlets produce fragments of markup code that are aggregated into a portal page (see, e.g., the definition from Wikipedia); and

using webflow and pipeline technologies within a portal or with portlets (see, e.g., col. 3, line 62 to col. 4, line 8).

It would have been obvious for one of ordinary skill in the art at the time of the invention to combine McLain with Jolley in order to utilize the well known portlet technology in portal page.

Regarding claim 19, McLain in view of Jolley teaches all the limitations of using portlet in offline operation.

It would have been obvious for one of ordinary skill in the art at the time of the invention to use separate portlet window for the disconnected mode since the portal page comprises with multiple portlet windows (see, e.g., Jolley figure 2-4).

Regarding claim 20, McLain teaches of selecting disconnection portlets (user selecting desired content from content provider for offline browsing, see, e.g., col. 7, lines 32-44 and step 102 in figure 6). Therefore, it would have been obvious for one of ordinary skill in the art at the time of the invention to add the disconnection portlets by default.

Regarding claim 21, McLain teaches that user selecting desired content from content provider for offline browsing (see, e.g., col. 7, lines 32-44 and step 102 in figure 6).

Therefore the mobile device can select desired content used for offline browsing with the well known graphical user interface which also provided with any web browsing software.

Regarding claim 22, McLain teaches as follows:

downloading module accesses content provider and downloads content therefrom in accordance with the user preference as well as creates a CDF file (see, e.g., col. 8, lines 17-36); and

CDF file provides a local index or hierarchical structure of the content available from content provider (see, e.g., col. 3, lines 21-39).

Therefore McLain teaches of determining the availability of said Portlet applications indicated by the existing user-defined connected content topology for the Mobile Device when disconnected.

Regarding claim 24, McLain teaches as follows:

each change of the data belonging to the Mobile Device specific content topology stored at the server side or at the Mobile Device side is synchronized during the connected mode (synchronization module 24 and 26 in figure 1 synchronizes CDF file and content data stored in both host computer and mobile device caches, see, e.g., col. 3, lines 50-65).

It would have been obvious for one of ordinary skill in the art at the time of the invention to synchronize any changes of data between online and offline browsing since McLain provides both online and offline browsing operations as presented above.

Regarding claim 26, McLain teaches as follows:

omitting those of the Portlet applications determined to be unavailable for the Mobile Device when disconnected from the Mobile Device specific content topology (CDF file provides a local index or hierarchical structure of the content available from content provider, see, e.g., col. 3, lines 21-39).

Regarding claim 27, Jolley teaches as follows:

portal platform provides an array of content placeholders, each able to function as a virtual browser that controls its own state without influencing the state of its neighbor portlets (see, e.g., col. 5, lines 52-64).

Therefore, McLain teaches of using content placeholders for presenting state of portlets whether those portlets are available or not.

Regarding claim 28, McLain teaches as follows:

the Mobile Device specific content topology comprises a tree structure representation, wherein each node of the tree structure representation indicates a layout element and each leaf of the tree structure representation indicates a Portlet (CDF file provides a local index or hierarchical structure of the content available from content provider, see, e.g., col. 3, lines 21-39).

Conclusion

6. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to JEONG S. PARK whose telephone number is (571)270-1597. The examiner can normally be reached on Monday through Friday 7:00 - 3:30 EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nathan Flynn can be reached on 571-272-1915. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/J. S. P./
Examiner, Art Unit 2454

October 20, 2008

/Joseph E. Avellino/
Primary Examiner, Art Unit 2446